

### Abstract

The invention relates to an electrode structure (10) for attachment to a more extensive measuring structure (11), in order to measure electrical responses from the human body. The electrode structure (10) includes a conductive electrode (1). According to the invention, the electrode (1) is shaped to be thin in the thickness direction of the electrode structure (10), and the electrode structure (10) is equipped with a hole (6) and the electrode (1) is located at the edge of the hole (6), in such a way that its longitudinal axis is essentially parallel to the plane of the measurement subject.